FIG.1

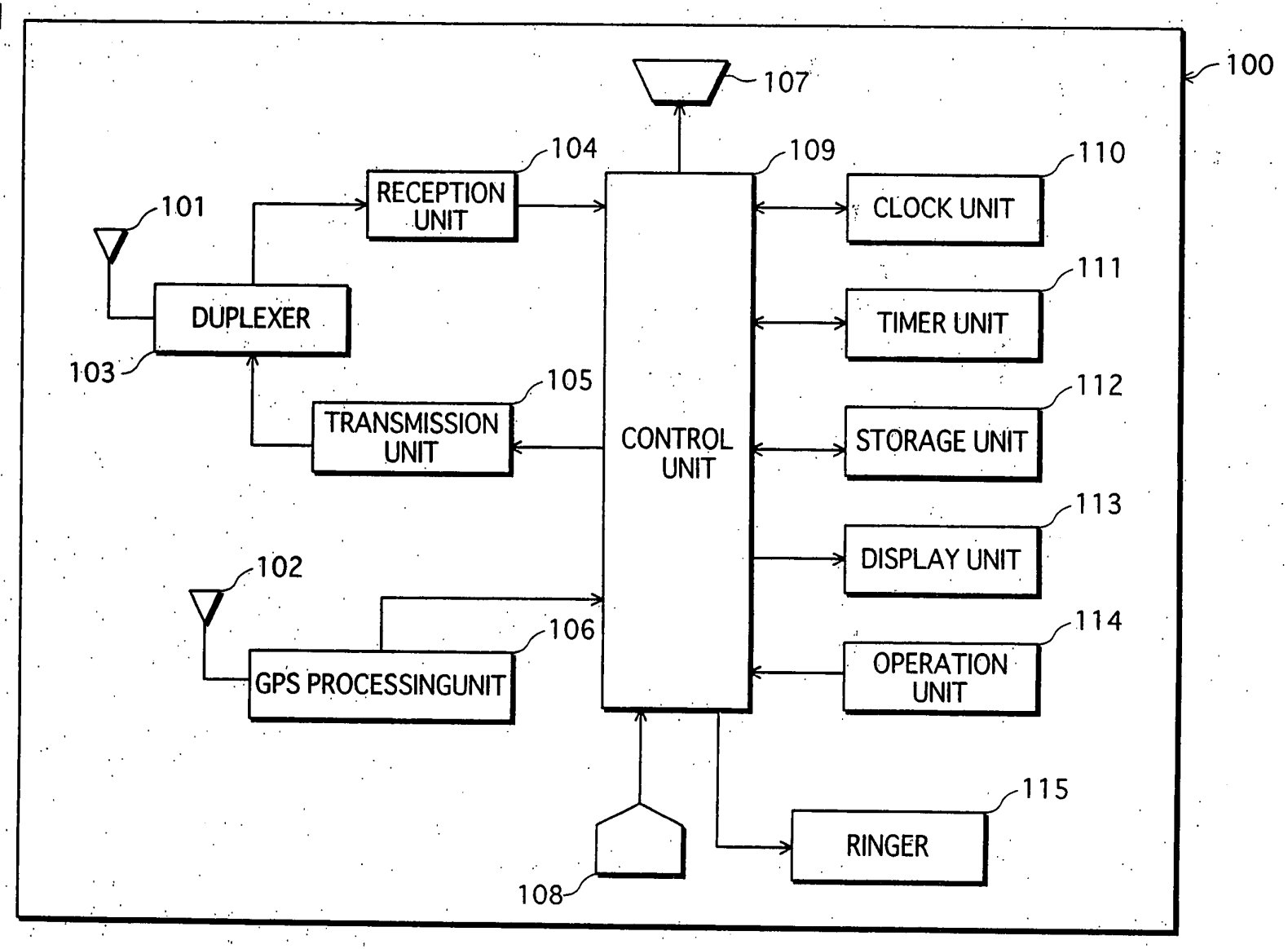

100
107
104
109
110
101
RECEPTION UNIT
CLOCK UNIT
DUPLEXER
111
TIMER UNIT
103
105
112
TRANSMISSION UNIT
CONTROL UNIT
STORAGE UNIT
113
DISPLAY UNIT
102
106
114
GPS PROCESSINGUNIT
OPERATION UNIT
115
RINGER
108

FIG.2

KEY INPUT TYPE	OPERATION CONTENT
POWER INPUT KEY	POWER ON
MENU KEY	MENU DISPLAY OPERATION
CALL KEY	MAKE A TELEPHONE CALL
EMAIL TRANSMISSION KEY	TRANSMIT EMAIL
. . . . .	. . . . .

FIG.3

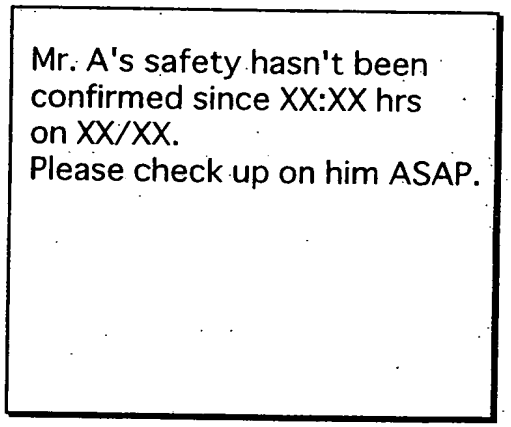

Mr. A's safety hasn't been
confirmed since XX:XX hrs
on XX/XX.
Please check up on him ASAP.

FIG.4

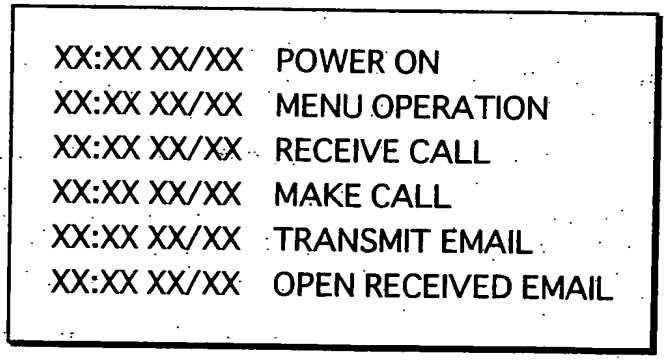
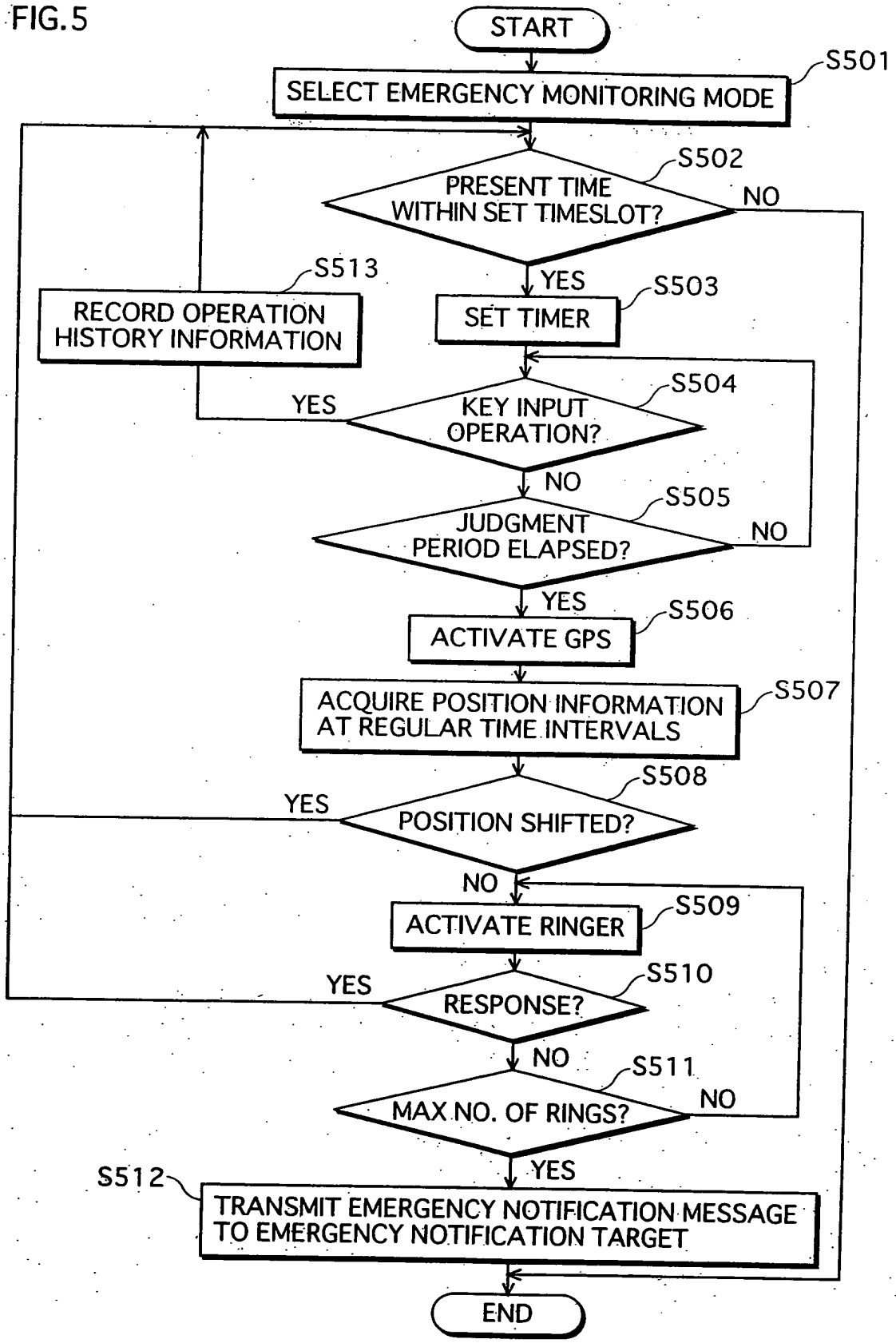

XX:XX XX/XX POWER ON
XX:XX XX/XX MENU OPERATION
XX:XX XX/XX RECEIVE CALL
XX:XX XX/XX MAKE CALL
XX:XX XX/XX TRANSMIT EMAIL
XX:XX XX/XX OPEN RECEIVED EMAIL

FIG.5


START
SELECT EMERGENCY MONITORING MODE
S501
PRESENT TIME WITHIN SET TIMESLOT?
S502
NO
YES
SET TIMER
S503
KEY INPUT OPERATION?
S504
YES
RECORD OPERATION HISTORY INFORMATION
S513
NO
JUDGMENT PERIOD ELAPSED?
S505
NO
YES
ACTIVATE GPS
S506
ACQUIRE POSITION INFORMATION AT REGULAR TIME INTERVALS
S507
POSITION SHIFTED?
S508
YES
NO
ACTIVATE RINGER
S509
RESPONSE?
S510
YES
NO
MAX NO. OF RINGS?
S511
NO
YES
TRANSMIT EMERGENCY NOTIFICATION MESSAGE TO EMERGENCY NOTIFICATION TARGET
S512
END